

## **Note on Chennai Intelligent Transport System (ITS) project**

The Chennai Metropolitan Area Intelligent Transport Systems Installation project with loan assistance from Japan International Cooperation Agency (JICA) is meant to construct efficient traffic system to meet increasing traffic demands in Chennai Metropolitan Area. The project mainly consists of following systems viz.,

- 1) Traffic Information and Management System and
- 2) City Bus System.

### **Traffic Information and Management system (TIMS)**

The details of the sub-systems proposed under Traffic Information and Management system are presented in the table below:

<b>S.No.</b>	<b>Sub-system</b>	<b>Quantity</b>
1	Chennai Traffic Information & Management – Command and Control Centre	1 location
2	Adaptive Traffic Signal Control System	165 junctions
3	Traffic Incident detection System (TIDS)	58 locations
4	Variable Message Sign System (VMS)	17 locations
5	Intersection Improvement	165 junctions
6	Right of way charges	-
7	Speed Limit Violation System (SLVD)	10 locations
8	Red Light Violation Detection (RLVD)	50 junctions
9	Automatic Traffic Counters-cum-classifier (ATCC) System	115 locations
10	Probe System	1 set

The implementation period of TIMS is 31 months.

### **City Bus system (CBS)**

The details of the sub-systems proposed under City Bus system are presented in the table below:

<b>S.No.</b>	<b>Sub-system</b>	<b>Quantity</b>
1	MTC Command and Control Centre	1 location
2	Bus Monitoring System	3500 Buses
3	Passenger Information System	71 Terminals & 532 Bus shelters
4	Depot Management System	31 Depot

The implementation period of CBS is 25 months.

### **Operation and Maintenance of the system**

Operation and Maintenance will be carried out for 5 years after implementation of the systems as part of the project.

The contract for "Design, Supply, Installation, Commissioning, Operations and Maintenance of Intelligent Transportation Systems in Chennai Metropolitan Area" has been awarded to M/s. Larsen & Toubro Limited in JV with M/s. Cross Zlin, M/s. Amnex Infotechnologies Private Limited and M/s. Netcon Technologies India Private Limited.